Established 1848.

ST LOUIS, MO. WEDNESDAY, OCTOBER 1, 1902.

Volume LV., No. 40

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to these efforts we attribute our con-stantly increasing circulation.

### MARKETING FARM PRODUCTS.

Just how far a farmer should go into the transportation business, after he has harvested his crops or prepared his finished product for market, is a matter coming up soon for consideration. Broadly speaking, a farmer should not engage in the transportation business at all. He has his hands full if he does his duty as a husbandman in growing crops.

duty as a husbandman in growing crops, feeding stock, making butter or separat ing cream; picking cotton or shearing wool. No matter what branch of farming he is engaged in, it would seem the part of economic wisdom and of that great scheme—the division of labor, to limit the attention to production and leave the matter of getting the product to the consumer to those who make this

to the consumer to those who make this industry a study and a specialty. This does not apply to the farmer who has a special clientele of consumers, to whom he delivers his produce without the intervention of the objectionable 'middle man.' This direct selling from producer to consumer is only possible in a small way, and with a moderate number of products, as butter, eggs, poultry, milk and garden truck, and in answering the limited demand of the small towns for hay, grain, butcher stuff, etc., supplied by the near-by farmers of the surrounding country.

grain, butcher stuff, etc., supplied by the near-by farmers of the surrounding country.

Bettor RURAL WORLD: The coal strike, now that winter is approaching, is engaging the attention of the public in general. Various plans have been suggesties to local markets. The apple crop, however, which are coal markets. The apple crop, however, which are to longer attention of Missouri, with her 20,000 bearing apple trees, is an example of a product that must be grown in large quantities and sold on the farm to longer finds it profitable to buy barre's, engage extensive help, pick, pack and ship apples to large market centers. The middle man, or commission merchant, appraises the crop on the trees and pays for it in that condition. In Scotland protates are sold by the acre and are dug and shipped by large enterprises capable of handling the crop without waste. Creameries are now gathering cream, thus saving the dairyman a daily trip.

Within a year a tendency has been noted on the part of cattle feeders to sell their finished steers direct from the feed to the packing houses. There is little doubt that this method of disposing of live stock grown for consumption will reveal within a few years. The spirit of economy which actuates all of the methods and dealings of the large means a tendency has been offered. It appears at this writing that the fight between the capitalists and the laborers will be fought to a fin-ju unless the trouble is settled by arbitration. In the meantime the laboring element must naturally exhaust their resources, while the mine owners, however, can easily repair their loss by with a wagon and a few acres of forest, is happily independent of the black diamond wrangle, but to the dwellers of a city like Washington, where anthractie is the universal fuel, the situation partakes of a serious aspect. Thirteen and fifteen of a serious aspect. Thirteen and fifteen to dollars per ton are now asked for anthractic here. Wood is keeping pace with the mine owners, however, can easily repair their loss by dadi

COW PEA SEED.

It is too late to sow cow peas this year.

by the well to call attention to a complaint that has been quite general during the past as season. Many growers of cow peas, and particularly those who are making their first experiments in raising this valuable soil-renewing crop, have reported that with vines aplenty they get no pods.

To those who grow cow peas for osed or grain this is a serious defect. The suit generally lies in getting seed that is not acclimated. Southern-grown seed makes but an indifferent growth when own in localities farther south. It is wise to procure seed from well-known, A northern field of cow peas from southern seed will often show a mature pod her eand there, and these carefully gathered and planted will produce a fair crop, the second year, and in three or, four years will be thoroughly acclimated.

Cow peas seed yill not keep through a summer season on account of the weevils, which bore into and destroy the germ. Also which bore into and destroy the germ. It is more than a destroy the germ. It is more than a destroy the germ. It is which bore into and destroy the germ. It is more than a destroy the germ. It is more than the germ and there and there and there are the fertility of the need by cold storage. The growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines were twelve feet long and there were no more than a dosen pods to the circumstant of the germ and the growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines is not affected by unactimated seed. In fact, the biggest growth of vines is not affecte government employes in Washington.
WINTER.—Today has every characteristic of autumn, and warns us that winter is rapidly approaching. Our flowers and paims have been brought in for fear that Jack Frost might play his pranks on the tender buds. The sky at times is black with feathered voyagers on their way to the rice fields of the Sunny South. The maple is taking on its tings of crimson and gold. In the woods the walnuts are dropping, and the red bird, like some reincarnated Indian spirit, flits from hill to hill. The breath of frosty air from the hill tops renews our youth like the eagle.

the Bureau of Forestry and that of Chemistry. This new office will devote its entire attention to the study of forest chemistry. If they can discover some chemical that will extinguish the forest fires raging in Washington and Oregon the people will rise up and engrave dendro in the halls of fame. By the way, "dendron" is a Greek word meaning

Of the \$852,000,000 worth of farm produce shipped from the United States in 1901. more than half was sent to the British market. The principal items in order of importance are cotton, wheat, wheat flour, corn, live cattle, fresh beef, bacon hams and lard, followed by a long list, including silk worm eggs, broom root, quilis, oleomargarine, compressed food. cut flowers, yeast, teasels, straw, root beer, bristles, egg yolks, peppermint oil and cognac. Verily Uncle Sam is running the biggest food and clothing emportum on earth.

Hayti, Colombia. Venezuela are in the throes of political eruption. Revolutions are periodical in Latin-America, or rather a continuous performance, where are scarcely off with the old turn they are scarcely off with the old turn before they are on with a new. Uncle Sam says to all his wealthy neighbors "keep your hands off those youngsters in my back yard." The Monroe doctrine should go one better and keep the peace among those hot-blooded and child-like races who have only entered the kinder-garten class in self government. And it begins to look that way.

many that the control of the control



LANDSCAPE DECORATION OF THE APPROACH TO POLYTECHNIC SCHOOL, STUTTGART, GERMANY.

ord at the pail.

be noticed that the advocate of purpose cow is invariably an in-

the dual purpose cow is invariably an in-dividual with beef predilections. In his zeal for his pet he is apt to fudge. He knows she is better than any other as a beef maker, and he tries to convince himself and others that she is a milker bookles. The profit in milking coun lies where the profession is the contract of the section of grain, where the contract of the contra

er cen	that has				
Price per qt. cents	No. qts. a dollar	Pr cent of fat	Price per qt. cents	No. qts a dollar	With gr pay to co sarv an good rec future.
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THE DAILY

THE DAILY more comvincing proof in quotable form of the correctness of our position. This styp of cow is not the cow with which a man allows the calves to run. Hecanges and the styp of cow is not the cow with which a man allows the calves to run. Hecanges and the styp of cow is not the cow with which a man allows the calves to run. Hecanges and the styp of cow is not the cow with which a man allows the calves to run. Hecanges and the styp of cow is not the cover of the special purpose dairyman whose role am is to produce pounds of butter and who cares nothing whatever for the steer calves. It is the cow for the quarter and who cares nothing whatever for the steer calves. It is the cow for the quarter and who cares nothing whatever for the steer calves. It is the cow for the quarter and does not expect to get the very high-rest from either one or the other.

"Notwithstuding all that has been said by special purpose advocates, there is a dual purpose cow. a dual purpose calves the sum of the sum of

and infants have such milk.

Such a system is of advantage not only to the consumer, but to the better class of dairymen as well, for it puts a value upon their painstaking care; indeed, they need it as a protection from unscrupulous and careless competitors. It is of disadvantage only to the slovenly dairymen who are always a menace to the public health.

If the butter. He knows that the price the butter brings depends always on its quality. Now, the farmer sees and hears none of these things. If he were making his butter himself and shipping it direct to the city market he would be quickly told his faults. He would be sharply educated at once by the best education in the world—a market education. But he gets none of this education except from what the creamery operator tells him and often he doesn't believe that, because he knows nothing about the business from the market end. He measures everything in the business from one end of it to the other by what he knows, not by what other men know. That is natural, but nevertheless it is unsound. It would prove a great eye-opener in every creamery, if every farmer who takes milk to it, could be taken to the city where the butter goes and have pointed out to him the faults in that butter which were occasioned by his own lack of proper mana.

FORGETTING THE COW.

Perhaps it is not altogether to be re-gretted that when prosperity comes and nature smiles man is apt to forget the times of adversity, says "Wallace's Farmer" (Iowa). At the same time it is ungrateful, to say the least, to forget the instrumentality that pulled him through strumentality that pulled him through, nd it is foolish to suppose that adversity banished for good and prosperity will continue forever. It is not many years since the dairy cow stood between the western farmer and very hard times indeed. Money was scarce. Prices of grain,

some good herd of milkers, possibly herd of St. Elizabeth's Insane Asym, near Washington, selecting twelve afform milk cows, and on six of them sing the milking machine for a period of eeks while the other six are milked in he usual way. This will give some idea f the practical value of the machine. It

deed. Money was scarce. Fines ut state of the deed of the control of the control

the all that is necessary is a Rabocot test which make obtained from any milk supply house for ½t. In this work skimmlik as condensed of condensed skimmlik as condensed of milk. The food laws should make it a punishable offense for a condensery to have the use of a good cook if there's a bad stomach—a stomach to weak properly to digest what is taken. The owner of such a stomach experiment of ?

The owner of such a stomach experiment of the the condensers to label their produced the weak properly to digest what is taken. The owner of such a stomach experiment of ?

The owner of such a stomach experiment of the the transfer of the things of the the transfer of the things of the the transfer of the things of the prompts of the things of the products of the food, which necessarily lessages the buy rich milk, to skim it, to sell the but "Graved" such as the property to digest what is taken. The owner of such a stomach experiment of the things of the products of the food, which necessarily lessages and milk flow. The owner of such a stomach experiment of the things of the things of the things of the things of the products of the food, which necessarily lessages and milk of the state of the things of the products of the food, which necessarily lessages and milk of the state of the danger of feeding the infants on the things of the products of the food, which necessarily lessages and milk of the state of the products of the food, which necessarily lessages and milk flow. The state of the food, which necessarily lessages and milk of the state of the condition of the products of the food, which necessarily lessages and milk of the state of the condition of the products of the food, which necessarily lessages and milk of the state of the condition of the products of the food which the products of the products of the food, which necessarily lessages and milk of the state

ceiving us, and either make it up at home or send it to some creamery which does ousiness honestly.

HIS SCHEME FAILED.

the usual way. This will give some idea of the practical value of the machine. It is a well-known fact that where cows are milked rapidly and with the least mental irritation on their part their milk production is the highest.—Indiana Farmer.

PLEASE TELL ME

WHO NEEDS MY BOOK.

I ask you for the name of a friend who needs help—that is all.

Just send me a postal to tell me thook he needs. No money is wanted.

Do that much and I will do this:
I will send him the book, and with it an order on his druggist for six bottles Dr. Shoop's Restorative. I will authorize that druggist to let the sick one test it for a month at my risk. If it succeeds, the cost is \$5.50. If it falls, I will pay the druggist myself.

Several years ago and a few months after manufacturing had commenced, the business office of the Monarch Rubber Loom bright morning from a person who bore all the appearances of a prosperous business man. He inquired for one of the officers of the Company and presented a letter of introduction, purporting to have been written by a well-known banker of \$t. Louis, and he stated that having heard of the establishment of the factory and being curious to witness the process of making rubber boots and shoes, had taken advantage of a visit to the city to request an inspection of the methods employed.

Cf course, the curiosity displayed was natural and the official to whom the letter was addressed, never once doubting the legitimacy of the gentleman's call, offered to show him through the works.

They first visited the warerooms; the instance of the prosperous works and the official to whom the letter was addressed, never once doubting the legitlmacy of the gentleman's call, offered to show him through the works. Several years ago and a few months

the cost is \$5.50. If it falls, I will pay the druggist myself.

There was never a sick one who could refuse such an offer—and I am very glad to fulfill it. My records show that 39 out of each 40 pays for the medicine gladly. I pay just as willingly when one says that

Usually the facilities are not at hand for scoring fine points, and dairymen are prone to drift along and lose money on common quality. The right way is to create facilities where absent, and thus extract from the business the profits that are latent in it.



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(Paper

Priday.

ling the Kieffer applies only to the who has the time, a suitable cellar will attend to the business right.

THE WEATHER.—We have seen very little sunshine for over a week, and have had more or less rain during that time. There is a great deal of hay down in this vicinity which is in bad shape, and will soon spoil if rainy weather continues.

EDWIN H. RIEHL. North Alton, Ill., Sept. 23, 1902.

PLANTING, CULTIVATING AND PRUNING THE GRAPE.

Paper read before St. Louis County Hor-

Henry Wallis, Wellston, Mo.)
Editor RURAL WORLD: In giving a hort sketch of this very important work aft the horticulturist, I will touch only a lev important points. At first, as to the landing of grapevines: Plant good one-lear or two-year vines, even three-year lants, if you are willing to apply a little Stringfellow method" in sharp root and 90-pruning. Do the planting in fall, durange October and November, after the arly frosts have made the vines perfectwhen the first points. At least, at to the positions of the positions of graphyreless. First, one of the positions of the pos

HOTICUITUSE

INCOMPANS RUBLE VIOLED

INCOMPANS RUBLE V in the winter pruning; besides, the grape will ripen to perfection only in the shade of its leaves, and, as in the leaf rests mainly the vitality of the plant, so exces-

uniting their combined efforts and money, and offering an opportunity for investments by others having surplus funds or salaries from which a monthly saving can be said to grower, and the seeds seldom fall to germents by others having surplus funds or salaries from which a monthly saving can be said to germents. They sometimes outgrow the proved and identification of trespassing weeks, and the rows may easily be kept bees.

of its leaves, and, as in the leaf rests in minity the vitality of the plant, so excessive summer pruning does more harm to be the grapevine as is generally believed and understood. Of course, such sclentific treatment of the grapevine necessitates a life study, and, as there is no royal road to make the plant of the sourcess, indefatigably struggling forward, even errors and missiance and profits far in excess of those his own road to success, indefatigably struggling forward, even errors and missiance and profits far in excess of those scured by individual investors owning small orchards where such culture cannot be given the care and success, indefatigably struggling forward, even errors and missian lock which will result in the payment of dividends and profits far in excess of those scured by individual investors owning small orchards where such culture cannot be given and where adequate transportation facilities cannot be provided.

The plan of the orchard company conmant faculties of each pupil, to be able to apples, but a considerable acreage of the lask of the vineyardist is similar, and this fascinating study ends only when our career is ended, and we reat from all our to tolls. Finally, my friends, I beg your pardon, when I have been ironical or sarricatic in my sketch. I could not help it, after the experience of the last years, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks, still, if only a few grains of my remarks. They do the the plant is favored to the plant is to favore the provided for the work done.

HENRY WALLIS. obtained.

Mr. Frank B. White, founder of the Frank B. White Company, which has made a specialty of agricultural advertising, says "Printer's Ink." has severed his connection with that institution and has for the present a working arrangement with the Draper Publishing Company, of Chieseo, who are about to place a line of

clean. They may be grown so quickly that to omit them from the garden is to leave out one of the luxuries most easily botained.

A small son of an Indiana farmer left the team he was driving, near some becleave out one of the luxuries most easily botained.

was a voluntary act, and the attack by the bees was too remote to justify a recovery from the bee keeper for the joint damages suffered by the owners of the wrecked outfits.

If damage be done by any domestic animal kept for use or convenience, the owner is not liable to an action, without notice (13 John, Rep., 339). The utility of bees no one will question, and hence there is nothing to call for the application of very stringent rules in their case. However, the question whether or not the keeping of bees near a highway subjects their owner to a responsibility which would not otherwise rest upon him has not, to our knowledge, been passed upon.

—Gleanings in Bee Culture.

necessary at night, so as not to excite robbing.

careful not to burn it. Burnt candy will

There are three personages in the bee-hive proper—the queen, the worker bee and the drone.

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see, Mgr., Browning, Mo. December 16.-Gifford Bros., Milford, Kan., at Manhattan, Kan. February 10-11.—Col. G. M. Casey, Clinton, Mo., and T. J. Wornall & Son, Lib-

erty, Mo. at Kansas City.
February 17.—D. K. Kellerman & Son,
Mound City, Kan, at Kansas City.
February 18-9.—I. M. Forbes & Son, at

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J. K. Rosier, Butler, Mo.
L. P. Larson, Powhattan, Kans.
J. A. Larson, Eberest, Kans.
J. A. Larson, Eberest, Kans.
H. D. Adkisson, Napton, Mo.
Wm. S. Powell, Moline, Kans.
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H. J. Hughes, Secretary.

Mr. J. Lee White. of Palmyra, Mo., advertise his public sale of Poland Chinas with us. He will sell about sixty head consisting of last fall gilts and boars; a few matured sows, bred, and spring pilts of the preventing of the prevention of the preventing of t

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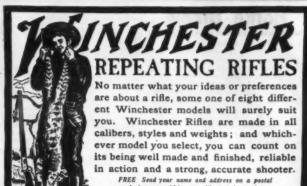


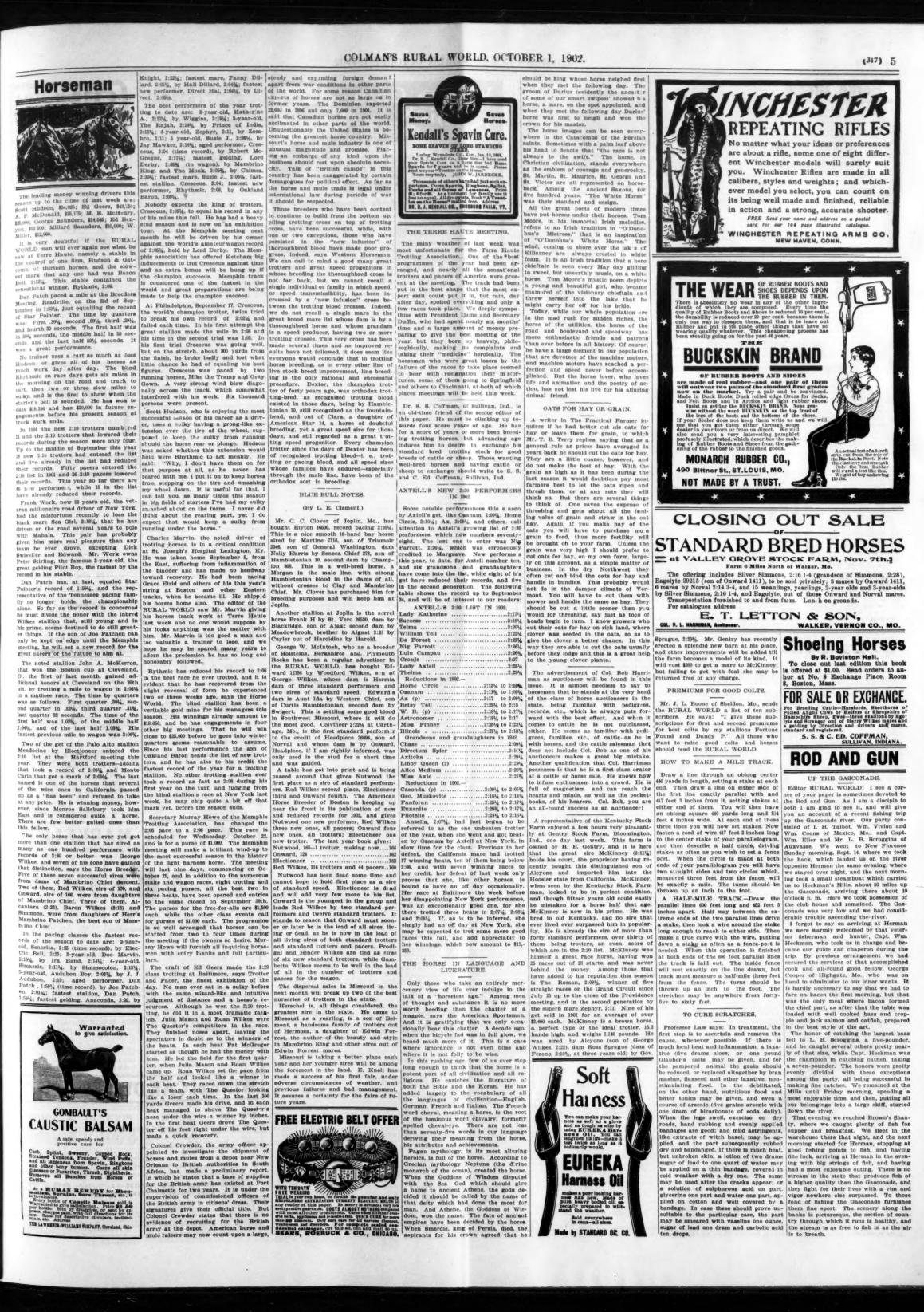




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ooking, and lived to wear good clothes and enjoy life in the utmost abandon to butterfly existence. He wasn't a good boy in the anxious mother sense of the word, and I fear he was a trifle wild in many of his ways. The girls all adored him, and he reciprocated. The boys rather envied his evidently unlimited spending

The elder son, at that time about twenty-two, was a "corker." He drank and gambled and traveled the primrose path of dalliance with a pace that was meteoric, and, like that brilliant visitor from outer space, he disappeared suddenty and

awaii in harvest time abound it into sheaves.

And shocked it, threshed it, taken it to mills.

And what an appetite I had is will remembered sittly. And what an appetite I had is will remembered sittly a had well and the matter than the state of the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was laying up stores for the future, the state of my childhood. I lived in Ohio Live was layed and he and the care was preading wide, where the live of the condition of the state of my childhood. I lived in Ohio Live was layed to the state of my childhood. I lived in Ohio Live was layed to the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed to the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed the state of my childhood. I lived in Ohio Live was layed

them to suit her artistic fancy and p'tending they were all sorts and conditions Another innocent and engaging pastim

s blowing soap bubbles, and with a little practice, some ingenuity and the follow-

envied his evidently unlimited spending money. The mothers sighed and said. What a splendid fellow Dick Steele would make if—" but there were so many ifs that it seemed a hopeless case. The fathers shook their heads and uttered dark prophecies.

The fathers shook their heads and uttered dark prophecies.

The fathers shook their heads and uttered dark prophecies.

As this is a true story, I can only tell of that part of Dick Steele's career when I knew him personally. The value of this narrative lies in the fact that it is a sketch from real life, and as such should have some interest to the student of human nature.

Where he came from I do not know. His mother—a widow with means, the relict of a hard-working and prosperous farmer, came to Athens, a quiet college town, where I had always lived, and brought her two sons, with the avowed intention of settling down for life. Her immediate purpose was the education of the boys in the really excellent schools of the place.

The elder son, at that time about twenly the propose was a "corker." He drank and the link fath of the work of the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to the wheel struck him and he sank to rise to more.

Another custom was to stand on the river and pour over each other. One event of such that this pastime, one of the men wheel struck him and he sank to rise to more.

Another custom was to stand on the river and pour developed, was stunied, it is in the initiation of the wheel struck him and undeck cast.

Another custom was to stand on the river and pour over each other. One event and pour developed, was stunied, s



So the freed spirit flies!

It steals away Like the swallow from the skies. Whither? Wherefore doth it go?

Tis all un.
We feel alone.
That a void is left below.
WILLIAM HOWITT. (1796-1879).

Written for the RURAL WORLD. CLEAN ROADSIDES.

and then thrust a dirty handkerchief in the breast or belt thereof, and yet how often our sight is offended by a spectacle

THE DEPARTURE OF THE SWALLOW.

And is the swallow gone?
Who beheld it?
Which way sailed it?
Farewell bade it none.
No mortal saw it go;
But who doth hear
Its swamer cheer

A to silver the cond fro?

In the swallow gone?

and he was so buoyant, so fresh and full of life, that we always thought of him as one of ourselves. His vivacity and joy-usness were contagious. You could not be in his presence from minutes without feeling brighter and better for it. The genial doctor never practiced medicine, yet he did more to relieve human suffering than many practicing physicians. His presence was a tonic. It was a perpetual delight to be near him. delight to be near him.

> MAKING THE MOST OF COUNTRY LUXURIES.

A good many country women, not properly alive to their opportunities, feel that they are entitled to a great amount of sympathy because they are denied city luxuries; yet many of them do not make the most of the country luxuries they have or might have. On some farms no effort is made to have an early and long season of the summer vegetables so easy to grow in the country and so impossible to secure in perfection in the city and the bill of fare though served with abundant measure is monotonously limited. Many farm cooks have no ambition to enlarge their repertory and scarcely vary their methods of cooking the foods they prepare from one year to another. It is surprising how much a woman of resource and skill can accomplish with simple materials. Some of the poorest cooks the writer has ever seen were on farms, where, with fresh milk, eggs, butter, vegetables and fruit one would expect to dine like a prince. It was hard to discover etables and fruit one would expect to dine like a prince. It was hard to discover the reason unless it was that the cull-nary ambition lacked incentive, because the sturdy appetites of the consumers made food of any sort acceptable. Then, too, these rural housewives had fewer pportunities than their town cousins to natch their skill. If the country girls rould unite in a determination to excel as cooks, what city girl could compete with them in the matrimonial market, other things being equal!

### Mothers will find "Mrs. Winslow's Sooth up" the best remedy for Children Toething.

This is from a Connecticut woman's diary, dated 1790: "We had roast pork for dinner, and Dr. S., who carved, held y, dated 1790: "We had roast pork dinner, and Dr. S., who carved, held rib on his fork and said, 'Here, la-, is what Mother Eve was made of.'

### **Poultry**

has told the story of that fearful campuign and the "slaughter pen." arounds feels serenelly conscious that the ample and the "slaughter pen." arounds for surer day a piece of glass cutting the chock or a bit of wire tearing the clothes rived in Mobile Bay and engaged in the traveler will carry away a pleasant remembrance of a target bombardment.

On our down river voyage many thrilling episodes occurred. It was a custom to "pull" a yawi out to a passing stear and to "pull" a yawi out to a passing stear and to "pull" a yawi out to a passing stear and the "bed or newspapers from "above." On one occasion a boat's crew rowed out to the "Belle Memphis." Just as they reached the bows of the steamboat, it wheel and crushed, the crew was precipe tated into the swift current of the river. By streamous exertions all the ill-feel board of the wheel struck him and he sank to rise the more.

Another custom was to stand on the deck can be an omore.

Another custom was to stand on the river and pour over each other. One even the ground. At another time a boat's crew were a sound and the sign while at this pastime, one of the men slipped, was stunned, glided into the river and pour over each other. One even the ground into the interior. The whole country was an of the men slipped, was stunned, glided into the river and pour over each other. One even the passing and other covers and output the pole were heard of afterward. Theirs and no trace of him was ever found. At another time a boat's crew were assortion to the interior. The whole country was an of the men slipped, was stunned, glided into the river and pour over each other. One even the pole were scarcely above the level of the men slipped, were the heard of a feel with the pole were scarcely above the level of the men slipped, were were heard of afterward. Theirs and were never heard of afterwards were never heard of afterwards were never heard of afterwards were proverly—a werelated existence and powerly negro was "shipped" as a fireman. He had but one name—Aaron. The became as the office sea, and the place. The clade sea, at that time about twent for sealing the place of the place. The clade sea, at that time about twent for sealing the place of the place. The clade sea, at that time about twent for sealing the place of the place. The clade sea, at that time about twent for sealing the place of the place

and have a good roof and have gro-higher inside than out, to give a drainage. Do not pay so much atten-to the looks as to make it comfort for the fowls. A good comfortable ho with plenty of insect powder, clean we and plenty of sharp grit is nearly whole hattle in poultry raising.

and a half ounces of crude carbolic nix again. You can make a bust ou wish. Put into a large vessel; sird by legs, and rub powder thoro mong the feathers, shake and turn et powder away for future use. Coal shes do not soil plumage, and the bove should be used twice or three times above should be used twice or three times on a setting hen. It will not hurt eggs like some kinds of lice killer. The hen should be turned loose after using, before going on nest, to let lice and some powder get off. I give the above, knowing that it is the best and cheapest remedy I ever used. Coal oil and crude carboilc acid (dead oil of gas works), which ought to cost about twenty-five cents per gallon. cost about twenty-five cents per gall should be used freely about the poul houses. Never stop fighting lice; makes no difference what people say.

makes no difference what people say. A ways take it for granted your poultr have them. The flocks of poultry ar scarce that have no lice.

There are not many kinds of busines that it does not take intelligence, though and perseverance to succeed in, and th poultry business is no exception. The kind of birds you will succeed best wit is the kind you fancy the most, becausyou will treat them better than yo would if you took no interest in them, think there will be a big demand for poutry for the next year or two on accour of the scarcity, and good crops.

and the opportunity to care for them should keep some for their own consump-tion. The Belgian hare is exceedingly prolific, matures early, is excellent eatprolific, matures early, is excellent eating, and affords a good variety to the ordinary bill of fare. In these days of r ing, and affords a good variety to the ordinary bill of fare. In these days of e dear meat and heavy butcher bills, it will be found both economical and convenient to have a few of these animals around.

The where one has a place with a garden or an alfalfa patch, the hare can be raised for the table at practically no cost, and at least at no outlay of money, a little labor in feeding being all that is re-quired. Where all the feed has to be purchased they can be prepared for the pot at from 25 to 30 cents. The silly Belgian hare bubble has burst, but there is no reason why so valuable an animal should fall into disfavor, and while there are no longer "millions in it" there is a good meal in it, and the Belgian hare should find a place among the poultry and domestic animals of every farm yard.

Provide shade and a coel rais noted.

Provide shade and a cool rain proof roost room; in short, keep the hens as comfortable as possible; the comfortable hen is healthy, and the healthy hen is the

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make. Swine breeders will do well never to breed hogs akin and to avoid inbreed-ing in any form. Whenever a boar can-not be used without mating him with sows related to him he should be sold and another boar purchased. The infusion of new blood from time to time nearly al-ways produces good results. This is the only rational process of animal improve-

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W. A. Henry, Dean College of Agricul-ture, Madison, Wis., writes to the "Swine-herd" that the Danish Experiment Sta-tion at Copenhagen, has conducted ex-tensive experiments in pig feeding, by or-der of the government. One of their studies was to determine the difference in cost of nork production in summer and cost of pork production in summer and winter. In these trials all of the various feeding stuffs available in the country were used, and when such feeds as skim milk, whey, roots, etc., were employed they were reduced to their grain equivalent in calculating the results, in

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### The Markets

WHEAT-By sample, del.—No. 2 red at \$76574c W. and \$74,085c E. side; No. 3 red at \$44,086c W. and \$54,0684c E. side; No. 4 at \$2955c W. and \$52,666 E. side; rected at 56c W. side. No skd. in elevator sold, but skd. lots by sample delivered at 66c to \$64,2c. and \$74,2c for No. 2 red E. side, Hard winter-No. 2 at \$74,0684,2c, and Turkey worth \$8c; No. 3 at \$44,068 and Turkey worth \$5c; No. 4 at \$90,02c; reject-Furkey worth 69c; No. 3 at 64@66c and Furkey worth 67c; No. 4 at 60@62c; reject-

56@561/2c, and ungraded at \$4c, all No. 2 white at 59c and No. 3

(rather fancy) W. side; No. 3 at 29@ E. and 29@30c W. side; No. 4 at 281/4 ite at 321/2@32% c W. side; No. 4 white at

to 73c.

HAY-Receipts, 355 tons local and 85 tons through; shipped, 195 tons. Quote: Timothy on E. side—New, \$126912.59; No. 1, \$11611.59; No. 2, \$8610.59; low grades at \$8\$. Clover—No. 1 at \$12612.59; other grades, \$10611. Prairie on W. side—Choice \$9.59; No. 1, \$8.5069; No. 2, \$7.50. STRAW—Wheat, on track, \$4.50. COTTON—Local spot quotations—Ordi-

-Sold at \$3.75@4.50 per bbl.

er 100 lbs. GHUM-20@25c per gal.

GRASS SEEDS—Timothy at \$2.80@2.90; clover, \$7.50@9; new redtop, \$1.50 to \$6.50.

GRAPES—Consigned climax basket: Concords, 18c; Worden, 18c; Niagara, 17½ @18½c, and pony, 19c; pony Delaware, 18c. CANTALOUPES-Rocky Ford, 30c@\$1.25

bxs. 75c@\$1.25. according to condition, and 1-5 bu. 15@25c; Missouri 6s, \$1@1.50 and 4s

50@60c. Arkansas 4s at 50@60c; Illinois 4s and baskets, 45@60c.

ONIONS-Red 40c for good and 45@50c

SWEET POTATOES-Yellow and Queen

55@60c; Bermudas 40@60c and Red Nansemond 70@75c per bu. box. HORSES-The same good Southern de-

mand which actuated the market during last week was apparent in the horse trade

sheep. 11,389.

CATTLE—Native arrivals continued small. Quality of beef cattle could be termed only common to medium. Best here brought prices nearly steady with the close of last week. No strictly choice steers or helfers were on sale, but had there been they would have soid fully steady. The bulk of the common and medium beef steers and cow and helfer butcher stuff ruled dull and weak each day, and prices closed is to 25 cents lower than last week. A great many of this class are selling for less money on the market than they cost in the country, and we see but little prospect for better prices so long as receipts of grass Texans and Westerns are so liberal. We attribute the weak demand and lower prices this week to the heavy receipts at all markets following the extremely heavy runs of last week, which pretty well filled all outlets for beef. Stockers and feeders were in heavy supply, and quality ruled a little better than last week. The demand was not sufficient to effect a clearance of offerings, and quite a few loads are being carried over unsold. Best grades are 10 to 20 cents lower, while common and medium kinds are 30 to 40 cents lower than last ings, and quite a few loads are being carried over unsold. Best grades are 16 to 20 cents lower, while common and medium kinds are 20 to 40 cents lower than last week. Feeding bulls also sold lower. Best milk cows and calves were in good demand a stronger prices; others sold steady. Veal calves sold a shade lower; top for weak \$7 per cwt.; bulk, \$5.75 to \$8.50.

on: Fair \$55@0; common \$40@50; choice that \$65@75.

POPCORN (On Cob)—Choice white \$1 dood qualitied thin dehorned bulls for feeding ... 2,50@2.75 bulls. 2.50 cod qualitied thin dehorned bulls for feeding ... 2,50@2.75 bull

\$7.00.
\$1.00; rough heavies, \$6.00 to \$1.00; rough heavies, \$6.00 to \$1.00.
\$1.00 SHEEP—The week's receipts were moderate, the demand was active and prices are unchanged. Best sheep sold from \$1.50 to \$2.50; stockers, \$2.50 to \$3.55; best lambs, \$5.25 to \$5.75; bucks, \$2.25 to \$2.50; stockers, \$2.50 to \$3.55; best lambs, \$6.25 to \$5.75; bucks, \$2.25 to \$2.50; stockers, \$2.50 to \$4.50; stockers, \$2.50 to \$3.50; stockers, \$2.50 to \$

ST. LOUIS NATIONAL STOCK YARDS.

Market Report Furnished by Evans-Snider-Busel Company.

Receipts for the week ending Saturday, Sept. 27, were: Cattle. 34.69; hogs, 32.485; sheep, 11,389.

CATTLE—Native arrivals continued small. Quality of beef cattle could be termed only common to medium. Best here brought prices nearly steady with the close of last week. No strictly choice steers or helfers were on sale, but had there been they would have sold fully steady. The bulk of the common and medium beef steers and cow and helfer butcher stuff ruled dull and weak each day, and prices closed is to 25 cents lower than last week. A great many of this class are selling for less money on the market than they cost in the country, and we see but little prospect for better prices so long as receipts of grass Texans and Westerns are so liberal. We attribute the weak deamad and lower prices this week.

the 26th and 27th. Fall pastures conting in excellent condition, and fall so grasses are making a fine growth.

A. E. HACKETT.

Section Director. Columbia, Mo., Sept. 30, 1902.

LINCOLN CO. (MO.) NOTES.

cows was the largest for some time. Bulls led about steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heavy supply: light, hady weight, fat calves brought steady under liberal offerings. Calves were in heaves part liberal some being up. About the average acready, to list the being up. About the average acready supply: light, hadden well. The many different brands of the first liberal supply: light, hadden well. The week's 250 to 4.70; but will,

Editor RURAL WORLD: As the sun slips back on the ecliptic toward the equinoctial point we are made sensible of the decline of the summer and the approach of early autumn in many ways, as, for instance, the shortening of the hours of sunshine, the rapidly shifting course of the sun in the heavens, the lengthening noon shadow, the increasing chill of the mornings, etc.



mand at stronger priors; other sold at stronger priors; other

HORSE-The same good Southern demany which extended the market direct related does trackedly toMonday. There were many hoyers on
hand and offencing in the class from the present related to the steady.

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hand and offencing in the class from the present related to the steady.

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hand and offencing in the class from the present related to the pre

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made a good growth and blossomed well. The frost at the lith and lith did quite from 31-3 to 38, bushels per acre above the same of the lith and lith did quite from 31-3 to 38, bushels per acre above the same of the lith and of Velvet Chaff. (Harvest King is also Foole wheat recently introduced under the country and land, which will hardly ripe and all. Corn and Early Ripe and E

Home Treatment for Tobacco and Neurasthenia.

Price eal street was the call with the call was the call

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